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(54) TREATMENT OF CYCLIC ALCOHOL

(57) Abstract:

PROBLEM TO BE SOLVED: To treat a cyclic alcohol without using a special material device on the removal of impurities, by adding water to the raw material cyclic alcohol used on the production of the ester of the cyclic alcohol and then thermally treating the mixture.

SOLUTION: This method for treating a cyclic alcohol has a characteristic. The characteristic comprises adding (E) water to (A) a cyclic alcohol (for example, cyclohexanol) of raw material, heating the mixture to treat the component A, and using the treated component A for a reaction for producing (D)

the ester of the component A, when the component A is reacted with (B) an unsaturated carboxylic acid or an unsaturated carboxylic acid ester, if necessary, in the presence of a catalyst to produce the component D. The component E is preferably added in an amount of 1 to 5 wt.% based on the component A. The component E is preferably added in an amount of 1 to 5 wt.% based on the component A. The thermal treatment is preferably carried out until the whole amount of the added component E is distilled out. The component B includes (meth)acrylic acid, crotonic acid, and their lower alcohol esters.

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